



Project Closeout – M&T

Chris Peoples, PE

Project Closeout

- Material Certification Issues
 - No Certifications
 - Incorrect Certification Type
 - 7 Types – Section 106-3
 - Some Materials Require Multiple Types

Project Closeout

- Steel Piles
 - Plain Piles – Certifications Sent with shipment
 - Coated Piles – Coating Report Sent with shipment (M&T has original certs)
 - Material Supplier Notification ([example letter](#))
 - Transfers between projects
 - Certifications and Reports must accompany material
 - Notify producer and M&T if transfer occurs. (ex)

STEEL PILES AND CAST IRON PRODUCTS LETTER

Please furnish the Resident Engineer, (RE Name and address) the names and addresses of the firm or firms from which you will purchase steel pipe piles, sheet piles and/or H-piles for use on this project. We are also requesting that you send a copy of your reply to this office.

It will be appreciated if you provide this information as soon as possible so that we can arrange to have the necessary tests and inspections made on those materials which require testing and/or inspection before delivery to the job. We call your attention to the fact that all materials must be approved before they are used. The use of any materials before they are approved may be cause for rejection of the work involved.

Also, please supply the Resident Engineer with two (2) copies of Type 3 Certifications for all cast iron pipes, elbows and any other utility items that are used on this project, if any. The types of certificates are defined in Sub-article 106-3 of the Standard Specifications. These are to be checked and approved by the Resident Engineer before the materials are used.

Project Closeout

- Temporary Materials
 - Treated like permanent material unless specifically spelled out in PSP of Specs
 - Must have the Material Certifications, FIR's, or samples as required by MSG
 - Must maintain during life of project (final estimate not final voucher)
 - Certifications and Reports must accompany material
 - Notify producer and M&T if transfer occurs. (ex)



Buy America – M&T

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Domestic Steel / Buy America

- Federal Regulation 23CFR635.410
- State Law NCGS136-28.7
- Specification 106-1(B)
- Provision SP1 G120

CFR

- All steel and iron permanently incorporated must be produced in the U. S.
- “Produced” means all manufacturing processes, including coating
- Minimal amounts may be used if the cost does not exceed 0.1% or \$2,500, whichever is greater
- “Cost” is the value as delivered to project

State Law

- Every contract for construction or repair
- Apply consistent with CFR

NCDOT Specification/Provision

- High strength fasteners MUST be domestic
- Provide invoices showing the cost
- Contractor must provide certifications

DOMESTIC STEEL:

(4-16-13) 106 SP1 G120

Revise the 2012 Standard Specifications as follows:

Page 1-49, Subarticle 106-1(B) Domestic Steel, lines 2-7, replace the first paragraph with the following:

All steel and iron products that are permanently incorporated into this project shall be produced in the United States except minimal amounts of foreign steel and iron products may be used provided the combined material cost of the items involved does not exceed 0.1% of the total amount bid for the entire project or \$2,500, whichever is greater. **If invoices showing the cost of the material are not provided, the amount of the bid item involving the foreign material will be used for calculations.** This minimal amount of foreign produced steel and iron products permitted for use is not applicable to high strength fasteners. Domestically produced high strength fasteners are required.

Minimal Foreign Steel Allowance

- 0.1% of total contract or \$2,500
- Up to \$2.5 M project: \$2,500
- \$1,000 per \$1M OF project cost
- Track cumulative costs for all items

Buy America Exceptions

Contract Number:

TIP Number:

Route:

County:

Project description:

Resident Engineer:

Contractor:

Contract Bid Amount:

0 Allowable amount:

\$ 2,500.00

Cumulative Amount:

\$ -

Line Item Number

Line Item Description

Invoice amount

Minimal Use Amount

Exempt Amount

Cumulative Amount

Comment

0

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Interpretation of Buy America requirements

- Contractor requests in writing to Resident
 - See the form on the next slide
- Resident contacts Jack Cowsert (919-329-4030)
 - Jack provides interpretation and guidance on how to apply

BUY AMERICA LETTER

All steel or iron products permanently incorporated into any type of Federal or State funded construction projects must meet the requirements Article 106-1B of the Standard Specifications entitled “Domestic Steel,” CFR 23-635.410 entitled “Buy America Requirements, and State Law § 136-28.7 entitled “Contract Requirements Relating to Construction Materials.” Without exception, all high strength fasteners such as bolts, nuts, and washers shall be manufactured in the United States.

Furnish the Resident Engineer a notarized certification stating the steel or iron products conform to the requirements of Article 106-1B of the Standard Specifications. A Supplier’s certification alone will not satisfy the requirements of this provision. The notarized certification will be required for each shipment of steel or iron products received and permanently incorporated into the project. In lieu of this, the Contractor may elect to furnish a blanket certification at the beginning of the project certifying that “all steel and iron products to be permanently incorporated into this project will be of domestic origin as required in Article 106-1B of the Standard Specifications”. If a blanket certification is provided, proper certifications must be retained and made available to Department personnel upon request.

BUY AMERICA LETTER - Continued

You and all subcontractors must place a statement in bold print on purchase orders to material suppliers that all manufacturing processes to produce the steel or iron shall occur in the United States. Additionally, you and all subcontractors must maintain a separate file for steel and iron products permanently incorporated into the project. This applies to steel used in manufactured items as well (precast, concrete pipe, metal pipe, etc.).

The Department and FHWA require all project records and documentation to be retained for a period of three (3) years after the final voucher is paid. You will be notified from this office in writing when the record retention period has expired. Until then, you must keep these records available for review.